

# Kushagra Agarwal

in [codewithkushagra](#)  
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## Education

### Bachelor of Engineering

Bachelor's degree program

Major: Information Science

Sir M. Visvesvaraya Institute of Technology

Dec 2020 – June 2024

## Work Experience

### Convin.ai

Backend Development Intern

March 2023 – Present

Bengaluru, India

- Implemented concurrent batch processing for large call rapid dairization, which improved the speed of call dairization by 30%
- Researched and used cv image processing strategies for masking to solve a name extraction from Google Meet video. It greatly increased the name extraction's accuracy.
- Implemented lead generation and summarization by using gpt, by applying tokenization and contextfull batch processing algorithm. Then monitored the service in production to improve it's accuracy.
- Developed sophisticated APIs for convin.ai utilising django DRF, and assisted with the implementation of major projects like a custom dashboard, gpt ner, analysis, and lead generation.
- Communicated with their client to learn about their needs for additional features for implementation.

### Jackfruit

Backend development Intern

Dec 2022 – Feb 2023

Bengaluru, India

- Played a key role in the design and deployment of a GIS solution for the UK power grid software infrastructure as a member of a development team.
- In order to build a reliable and effective solution, this required the use of a variety of technologies, including the Django REST framework, Postgresql, Postgis, GeoDjango, Docker, and Vue.js.
- Deployed the solution to a production environment on DigitalOcean using a virtual private server and created an API utilizing geo-serialization techniques.

### Tally Solutions Pvt. Ltd.

Engineering Intern

Feb 2022 – May 2022

Bengaluru, India

- As part of a development team, I successfully designed and implemented an email client utilizing the Flutter framework and various internet protocols including SMTP, POP3, and IMAP.
- Through this project, I acquired a deep understanding of application programming interfaces (APIs) and authentication techniques.
- Additionally, I honed my skills in architectural design patterns such as Model-View-ViewModel (MVVM) and Model-View-Controller (MVC) to optimize the performance and scalability of the application.

## Technical skills

### Programming Languages

Python, c/c++, Javascript, Java

### Libraries and Frameworks

Django(drf), Flask, Postgres, Firebase, Geodjango, React JS, Flutter

### Known Concepts and Tools

DSA, System design, Design patterns, AWS, CI/CD, Digital Ocean, Docker

## Soft skills

### Active community speaker

Have mentored 100+ students in my college and outside, through sessions and workshops

## Awards

### Hackathon finalist

Tally code brewers

2021

### Hackathon 3rd position

Hack MVIT

2022